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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/465,835	12/17/1999	DON HIDEYASU MATSUBAYASHI	36J.P214	9385

5514 7590 07/16/2003

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EXAMINER

LUDWIG, MATTHEW J

ART UNIT	PAPER NUMBER
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2178

DATE MAILED: 07/16/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/465,835

Applicant(s)

MATSUBAYASHI ET AL.

Examiner

Matthew J. Ludwig

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 17 December 1999.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-30 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-30 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 2.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other:

DETAILED ACTION

1. This action is responsive to communications: application filed 12/17/99.
2. Claims 1-30 are pending in the case. Claims 1, 6, 8, 10, 15, and 17 are independent claims.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1-5, and 10-14 are rejected under 35 U.S.C. 103(a) as being unpatentable over Gase U.S. Patent Number 6,184,996 filed (6/18/97).

In reference to independent claim 1, Gase discloses:

- To obtain a web page illustrating the jobs queued on job queue, the user clicks on job's button which causes a request message to be transmitted back to printer with a code indicating a request to provide the "job's list" page shown in Fig. 3 (compare to "*providing a web page from a printer's embedded web server to the web browser*"). See column 3, lines 52-57.

- Browser procedure enables printer to respond to a received URL by accessing, via the WWW, the print job designated by the URL. The URL may designate a print job residing at any client, whether it is the client who originated the message with the URL or any other client (compare to "*receiving a URL entered into the provided web page by the web browser*"). See column 3, lines 15-23.

- Printer further includes a job queue which lists the URL's of received print jobs. Upon a URL being reached on job queue, printer causes browser to transmit a corresponding to the URL is located. The client processor then responds with the text of the print job, which text is then printed by printer (compare to "*retrieving a printable document corresponding to the URL; and printing the retrieved document*"). See column 3, lines 24-30.

The reference does not explicitly disclose entering a URL into the provided web page by the browser; however, the reference teaches the job detail page enables the originating client processor to exert control over job queue and the details of the specific job shown in the received job detail page. Control of the URL is mentioned as a detail of a specific job and therefore the user would have access to manipulate or change the URL. Therefore it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the printer methods of Gase and modified the reference to include entering a specific a URL into a provided web page because it would have provided the client a more efficient method of manipulating or printing a page.

In reference to dependent claim 2, Gase discloses:

The responses transmitted by the browser are formatted in a formatter module, using the HTML or any other formatting procedure. See column 3, lines 20-23.

In reference to dependent claim 3, Gase discloses:

The responses transmitted by the browser are formatted in a formatter module, using the HTML or any other formatting procedure. See column 3, lines 20-23. The reference does not explicitly teach a web page formatted in the XML format; however, the reference mentions HTML or *any other formatting* procedure, which would include the XML formatting language.

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In reference to dependent claim 4, Gase discloses:

The client processor then responds with the text of the print job, which text is then printed by printer. See column 3, lines 28-31.

In reference to dependent claim 5, Gase discloses:

The client processor then responds with the text of the print job, which text is then printed by printer. See column 3, lines 28-31.

In reference to claims 10-14, the claims recite the computer-executable process steps for carrying out the methods of claims 1-5 respectfully and therefore are rejected under similar rationale.

6. Claims 19, 20, 25, and 26 are rejected under 35 U.S.C. 103(a) as being unpatentable over Gase as applied to claim above, and in further view of Theriault et al., U.S. Patent Number 6,049,821 filed(1/24/97).

In reference to dependent claim 19 & 20, Theriault discloses:

The Gase reference does not explicitly disclose techniques for utilizing email account information within URL's; however, Theriault discloses a proxy, which may be configured to deny access to information sources of a specific type such as gopher, ftp, or email. See column 15, lines 1-5. It would have been obvious to one of ordinary skill in the art at the time the invention was made to have combined the email account information within a URL as taught by Theriault with the printer network methods of Gase, because it would extend the capabilities of the network printer by adding to the type of content being requested by a user.

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In reference to claims 25 & 26, the claims recite the computer-executable process steps for carrying the methods of claims 19 & 20 and therefore rejected under similar rationale.

5. Claims 6-9, 15-18, 21-25, and 27-30 are rejected under 35 U.S.C. 103(a) as being unpatentable over Gase U.S. Patent Number 6,184,996 filed(6/18/97) in view of Theriault et al., U.S. Patent Number 6,049,821 filed(1/24/97).

In reference to dependent claim 6, Gase discloses:

- To obtain a web page illustrating the jobs queued on job queue, the user clicks on job's button which causes a request message to be transmitted back to printer with a code indicating a request to provide the ""job's list" page (compare to "*providing a web page from a printer's embedded web server to a web browser*"). See column 3, lines 54-59.

- The job's list page includes an identifier for each job; a description of the job; the status of the job and the owner of the job. At the bottom of the job's list is a virtual button that enables the user at the client processor to access further printer pages (compare to "*creating a web page based on contents of the website...*"). See column 3, lines 59-67. The reference demonstrates a link to directory by the utilization of virtual 'select job' button, which provides a "job detail" page. The identifier for each job provides a link to a document regarding the web site content.

- Gase does not explicitly disclose receiving a URL entered into the provided web page, the URL corresponding to a website having a transfer protocol not supported by the web browser; however, Theriault discloses techniques which the enhanced proxy may employ for query modifying include, alone or in combination, restricting access to an information source based on the protocol contained in the query and preventing access to specific information

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sources associated with the browser as being restricted sources. This reference demonstrates a protocol, which may not be supported by a web browser. It would have been obvious to one of ordinary skill in the art, having the teachings of Gase and Theriault before him at the time the invention was made, to modify the network printer methods taught by Gase to include the network protocol methods of Theriault, because it would have provided an enhanced method of dealing with various protocols other than HTTP, which would have given the user the added benefit of extending the capabilities of a user's web browser.

In reference to dependent claim 7, Theriault discloses:

Access to an information source may be restricted according to the protocol contained in the URL of the query. The reference demonstrates access through the URL protocol is not supported by the established configuration services. See column 15, lines 5-35. It would have been obvious to one of ordinary skill in the art at the time the invention was made to have modified the network printer methods of Gase and included the network protocol methods taught by Theriault, because it would have given a user access and control of various protocols not supported by various web browsers.

In reference to independent claims 8 & 9, the claims recite similar limitations to that of claims 6 & 7 respectfully and therefore are rejected under similar rationale.

In reference to claims 15-18, the limitations recite the computer-executable process steps for carrying out the methods of claims 6-9 respectfully and therefore are rejected under similar rationale.

In reference to dependent claim 21 & 22, Theriault discloses:

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The Gase reference does not explicitly disclose techniques for utilizing email account information within URL's; however, Theriault discloses a proxy, which may be configured to deny access to information sources of a specific type such as gopher, ftp, or email. See column 15, lines 1-5. It would have been obvious to one of ordinary skill in the art at the time the invention was made to have combined the email account information within a URL as taught by Theriault with the printer network methods of Gase, because it would extend the capabilities of the network printer by adding to the type of content being requested by a user.

In reference to dependent claim 23 & 24, Theriault discloses:

The Gase reference does not explicitly disclose techniques for utilizing email account information within URL's; however, Theriault discloses a proxy, which may be configured to deny access to information sources of a specific type such as gopher, ftp, or email. See column 15, lines 1-5. It would have been obvious to one of ordinary skill in the art at the time the invention was made to have combined the email account information within a URL as taught by Theriault with the printer network methods of Gase, because it would extend the capabilities of the network printer by adding to the type of content being requested by a user.

In reference to claims 27-30, the claims recite the computer-executable process steps for carrying the methods of claims 21-24 and therefore rejected under similar rationale.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Harter et al.	US Pat. No. 6,212,564 B1	filed (7/1/98)
Teng et al.	US Pat. No. 6,327,045 B1	filed (9/18/97)

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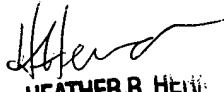
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Matthew J. Ludwig whose telephone number is 703-305-8043.

The examiner can normally be reached on 8:00am-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Heather Herndon can be reached on 703-308-5186. The fax phone numbers for the organization where this application or proceeding is assigned are 703-746-7239 for regular communications and 703-746-7238 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-4700.

ML
July 7, 2003


HEATHER R. HERNDON
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100